

**Flood Control Project Maintenance  
Levee Inspections**  
**2009 Channel Summary Report**  
**Overall Unit and Item Ratings**

**DWR Sutter Maintenance Yard**

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**Big Chico Creek**

Overall Unit Rating	Rated Item	Item Rating
<b>M</b>	Vegetation & Obstructions	A
	Shoaling / Sedimentation	A
	Erosion / Bank Caving	A
	Revetments	U
	Encroachments	A

**Lindo Channel & Sandy Gulch & Sandy Gulch**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Vegetation & Obstructions	M
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A

**Little Chico Creek**

Overall Unit Rating	Rated Item	Item Rating
<b>A</b>	Vegetation & Obstructions	A
	Shoaling / Sedimentation	M
	Erosion / Bank Caving	A
	Revetments	A
	Encroachments	A

**Flood Control Project Maintenance****Unit Cover Sheet****2009 Channel Inspection Results****DWR Sutter Maintenance Yard**

Channel
Big Chico Creek

Channel Rating	<b>M</b>
Date of Inspection	8/10/2009
DWR Inspector	Clay Thomas
Accompanied By	

**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Big Chico Creek Control Structure	Up	Vegetation & Obstructions		A		39.761840 ° -121.792590 °	Y	1
2		Up	Shoaling / Sedimentation		A		39.761840 ° -121.792590 °		2
3		Up	Erosion / Bank Caving		A		39.761840 ° -121.792590 °		3
4		Up	Revetments		A		39.761840 ° -121.792590 °		4
5		Up	Encroachments		A		39.761840 ° -121.792590 °		5
6		Down	Vegetation & Obstructions		A		39.761840 ° -121.792590 °	Y	6
7		Down	Shoaling / Sedimentation		A		39.761840 ° -121.792590 °		7
8		Down	Erosion / Bank Caving		A		39.761840 ° -121.792590 °		8
9		Down	Revetments		A		39.761840 ° -121.792590 °		9
10		Down	Encroachments		A		39.761840 ° -121.792590 °		10
11	Bridge near Forest Ave.	Up	Vegetation & Obstructions		A		39.739750 ° -121.803070 °	Y	11
12		Up	Shoaling / Sedimentation		A		39.739750 ° -121.803070 °		12
13		Up	Erosion / Bank Caving		A		39.739750 ° -121.803070 °		13
14		Up	Revetments		A		39.739750 ° -121.803070 °		14
15		Up	Encroachments		A		39.739750 ° -121.803070 °		15
16		Down	Vegetation & Obstructions		A		39.739750 ° -121.803070 °	Y	16
17		Down	Shoaling / Sedimentation		A		39.739750 ° -121.803070 °		17

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
PO : Partially Obstructing  
CO : Completely Obstructing  
N : Not Inspected

**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
18		Down	Erosion / Bank Caving		A		39.739750 ° -121.803070 °		18
19		Down	Revetments		A		39.739750 ° -121.803070 °		19
20		Down	Encroachments		A		39.739750 ° -121.803070 °		20
21	Hwy 99 Bridge	Up	Vegetation & Obstructions		A		39.738490 ° -121.822810 °	Y	21
22		Up	Shoaling / Sedimentation		A		39.738490 ° -121.822810 °		22
23		Up	Erosion / Bank Caving		A		39.738490 ° -121.822810 °		23
24		Up	Revetments		A		39.738490 ° -121.822810 °		24
25		Up	Encroachments		A		39.738490 ° -121.822810 °		25
26		Down	Vegetation & Obstructions		A		39.738490 ° -121.822810 °	Y	26
27		Down	Shoaling / Sedimentation		A		39.738490 ° -121.822810 °		27
28		Down	Erosion / Bank Caving		A		39.738490 ° -121.822810 °		28
29		Down	Revetments		A		39.738490 ° -121.822810 °		29
30		Down	Encroachments		A		39.738490 ° -121.822810 °		30
31	Esplanade	Up	Vegetation & Obstructions		A		39.731810 ° -121.841870 °	Y	31
32		Up	Shoaling / Sedimentation		A		39.731810 ° -121.841870 °		32
33		Up	Erosion / Bank Caving		A		39.731810 ° -121.841870 °		33
34		Up	Revetments		U		39.731810 ° -121.841870 °		34
35		Up	Encroachments		A		39.731810 ° -121.841870 °		35

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Channel Inspections**

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**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
36		Down	Vegetation & Obstructions		A		39.731810 ° -121.841870 °	Y	36
37		Down	Shoaling / Sedimentation		A		39.731810 ° -121.841870 °		37
38		Down	Erosion / Bank Caving		A		39.731810 ° -121.841870 °		38
39		Down	Revetments		U		39.731810 ° -121.841870 °		39
40		Down	Encroachments		A		39.731810 ° -121.841870 °		40
41	Hwy 32	Up	Vegetation & Obstructions		M		39.725860 ° -121.851360 °	Y	41
42		Up	Shoaling / Sedimentation		A		39.725860 ° -121.851360 °		42
43		Up	Erosion / Bank Caving		A		39.725860 ° -121.851360 °		43
44		Up	Revetments		U		39.725860 ° -121.851360 °		44
45		Up	Encroachments		A		39.725860 ° -121.851360 °		45
46		Down	Vegetation & Obstructions		A		39.725860 ° -121.851360 °	Y	46
47		Down	Shoaling / Sedimentation		A		39.725860 ° -121.851360 °		47
48		Down	Erosion / Bank Caving		A		39.725860 ° -121.851360 °		48
49		Down	Revetments		U		39.725860 ° -121.851360 °		49
50		Down	Encroachments		A		39.725860 ° -121.851360 °		50
51	Mud Creek at River Rd	Up	Vegetation & Obstructions		A		39.704580 ° -121.939320 °	Y	51
52		Up	Shoaling / Sedimentation		A		39.704580 ° -121.939320 °		52

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Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
53		Up	Erosion / Bank Caving		A		39.704580 ° -121.939320 °		53
54		Up	Revetments		A		39.704580 ° -121.939320 °		54
55		Up	Encroachments		A		39.704580 ° -121.939320 °		55
56		Down	Vegetation & Obstructions		A		39.704580 ° -121.939320 °	Y	56
57		Down	Shoaling / Sedimentation		M		39.704580 ° -121.939320 °		57
58		Down	Erosion / Bank Caving		A		39.704580 ° -121.939320 °		58
59		Down	Revetments		A		39.704580 ° -121.939320 °		59
60		Down	Encroachments		A		39.704580 ° -121.939320 °		60

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Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Big Chico Creek Control Structure.	
cathom_20090825_1.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Big Chico Creek Control Structure.	
cathom_20090825_2.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Downstream from Big Chico Creek Control Structure, growth along both banks.	
cathom_20090825_3.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from the bridge near Forrest Avenue, growth along both banks.	
cathom_20090825_4.jpg	



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream of Forrest Avenue, growth along both banks.	
cathom_20090825_5.jpg	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream at Hwy 99 bridge, growth along both banks.	
cathom_20090825_6.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream of Hwy 99 bridge, growth along both banks and over channel.	
cathom_20090825_7.jpg	



Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream at Esplanade, heavy growth on both banks.	
cathom_20090825_10.jpg	



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream at Esplanade, heavy growth on both banks.	
cathom_20090825_9.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Hwy 32, heavy growth on both banks.	
cathom_20090825_11.jpg	



Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream from Hwy 32, vegetation and over growth in the channel.	
cathom_20090825_12.jpg	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream Mud Creek, heavy growth on both banks.	
cathom_20090825_13.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Big Chico Creek	13.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream Mud Creek, heavy growth on both banks.	
cathom_20090825_14.jpg	

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**Flood Control Project Maintenance****Unit Cover Sheet****2009 Channel Inspection Results****DWR Sutter Maintenance Yard**

Channel
Lindo Channel & Sandy Gulch & Sandy Gulch

Channel Rating	<b>A</b>
Date of Inspection	8/10/2009
DWR Inspector	Clay Thomas
Accompanied By	



**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Diversion Structure	Up	Vegetation & Obstructions		A		39.761590 ° -121.797320 °	Y	1
2		Up	Shoaling / Sedimentation		A		39.761590 ° -121.797320 °	Y	2
3		Up	Erosion / Bank Caving		A		39.761590 ° -121.797320 °		3
4		Up	Revetments		N		39.761590 ° -121.797320 °		4
5		Up	Encroachments		A		39.761590 ° -121.797320 °		5
6		Down	Vegetation & Obstructions		A		39.761590 ° -121.797320 °	Y	6
7		Down	Shoaling / Sedimentation		A		39.761590 ° -121.797320 °	Y	7
8		Down	Erosion / Bank Caving		A		39.761590 ° -121.797320 °		8
9		Down	Revetments		N		39.761590 ° -121.797320 °		9
10		Down	Encroachments		A		39.761590 ° -121.797320 °		10
11	Manzanite Ave	Up	Vegetation & Obstructions		A		39.760510 ° 121.802070 °	Y	11
12		Up	Shoaling / Sedimentation		M		39.760510 ° 121.802070 °		12
13		Up	Erosion / Bank Caving		A		39.760510 ° 121.802070 °		13
14		Up	Revetments		N		39.760510 ° 121.802070 °		14
15		Up	Encroachments		A		39.760510 ° 121.802070 °		15
16		Down	Vegetation & Obstructions		A		39.760510 ° 121.802070 °	Y	16
17		Down	Shoaling / Sedimentation		M		39.760510 ° 121.802070 °		17

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Channel Inspections**

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**DWR Sutter Maintenance Yard**

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Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
18		Down	Erosion / Bank Caving		A		39.760510 ° 121.802070 °		18
19		Down	Revetments		N		39.760510 ° 121.802070 °		19
20		Down	Encroachments		A		39.760510 ° 121.802070 °		20
21	Bike Path Bridge at Madrone Ave	Up	Vegetation & Obstructions		A		39.755400 ° 121.814580 °	Y	21
22		Up	Shoaling / Sedimentation		M		39.755400 ° 121.814580 °		22
23		Up	Erosion / Bank Caving		A		39.755400 ° 121.814580 °	Y	23
24		Up	Revetments		N		39.755400 ° 121.814580 °		24
25		Up	Encroachments		A		39.755400 ° 121.814580 °		25
26		Down	Vegetation & Obstructions		A		39.755400 ° 121.814580 °	Y	26
27		Down	Shoaling / Sedimentation		M		39.755400 ° 121.814580 °		27
28		Down	Erosion / Bank Caving		M		39.755400 ° 121.814580 °		28
29		Down	Revetments		N		39.755400 ° 121.814580 °		29
30		Down	Encroachments		A		39.755400 ° 121.814580 °		30
31	Mariposa Ave	Up	Vegetation & Obstructions		A		39.752730 ° -121.824560 °	Y	31
32		Up	Shoaling / Sedimentation		M		39.752730 ° -121.824560 °		32
33		Up	Erosion / Bank Caving		A		39.752730 ° -121.824560 °		33
34		Up	Revetments		N		39.752730 ° -121.824560 °		34
35		Up	Encroachments		A		39.752730 ° -121.824560 °		35

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Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
36		Down	Vegetation & Obstructions		A		39.752730 ° -121.824560 °	Y	36
37		Down	Shoaling / Sedimentation		M		39.752730 ° -121.824560 °		37
38		Down	Erosion / Bank Caving		A		39.752730 ° -121.824560 °		38
39		Down	Revetments		N		39.752730 ° -121.824560 °		39
40		Down	Encroachments		A		39.752730 ° -121.824560 °		40
41	5th Ave	Up	Vegetation & Obstructions			Inspector Comments: Not inspected.	° °		41
42		Up	Shoaling / Sedimentation				° °		42
43		Up	Erosion / Bank Caving				° °		43
44		Up	Revetments				° °		44
45		Up	Encroachments				° °		45
46		Down	Vegetation & Obstructions			Inspector Comments: Not inspected.	° °		46
47		Down	Shoaling / Sedimentation				° °		47
48		Down	Erosion / Bank Caving				° °		48
49		Down	Revetments				° °		49
50		Down	Encroachments				° °		50
51	Esplanade	Up	Vegetation & Obstructions		A		39.749380 ° -121.854400 °	Y	51
52		Up	Shoaling / Sedimentation		M		39.749380 ° -121.854400 °		52

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Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
53		Up	Erosion / Bank Caving		A		39.749380 ° -121.854400 °		53
54		Up	Revetments		N		39.749380 ° -121.854400 °		54
55		Up	Encroachments		A		39.749380 ° -121.854400 °		55
56		Down	Vegetation & Obstructions		A		39.749380 ° -121.854400 °	Y	56
57		Down	Shoaling / Sedimentation		M		39.749380 ° -121.854400 °		57
58		Down	Erosion / Bank Caving		A		39.749380 ° -121.854400 °		58
59		Down	Revetments		N		39.749380 ° -121.854400 °		59
60		Down	Encroachments		A		39.749380 ° -121.854400 °		60
61	Hwy 32	Up	Vegetation & Obstructions		M		39.741190 ° -121.881380 °	Y	61
62		Up	Shoaling / Sedimentation		A		39.741190 ° -121.881380 °		62
63		Up	Erosion / Bank Caving		A		39.741190 ° -121.881380 °		63
64		Up	Revetments		N		39.741190 ° -121.881380 °		64
65		Up	Encroachments		A		39.741190 ° -121.881380 °		65
66		Down	Vegetation & Obstructions		M		39.741190 ° -121.881380 °	Y	66
67		Down	Shoaling / Sedimentation		A		39.741190 ° -121.881380 °		67
68		Down	Erosion / Bank Caving		A		39.741190 ° -121.881380 °		68
69		Down	Revetments		N		39.741190 ° -121.881380 °		69
70		Down	Encroachments		A		39.741190 ° -121.881380 °		70

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
71	Oak Ave.	Up	Vegetation & Obstructions		M		39.735560 ° -121.890970 °	Y	71
72		Up	Shoaling / Sedimentation		A	Inspector Comments: Dense vegetation in the channel obstructed the inspection.	39.735560 ° -121.890970 °	Y	72
73		Up	Erosion / Bank Caving		A	Inspector Comments: Vegetation in the channel obstructed the inspection.	39.735560 ° -121.890970 °	Y	73
74		Up	Revetments		A	Inspector Comments: Vegetation in the channel obstructed the inspection.	39.735560 ° -121.890970 °	Y	74
75		Up	Encroachments		A		39.735560 ° -121.890970 °		75
76		Down	Vegetation & Obstructions		M	Inspector Comments: Dense vegetation in the channel.	39.735560 ° -121.890970 °	Y	76
77		Down	Shoaling / Sedimentation		A	Inspector Comments: Vegetation in channel obstructs inspection.	39.735560 ° -121.890970 °	Y	77
78		Down	Erosion / Bank Caving		A	Inspector Comments: Vegetation in the channel obstructs the inspection.	39.735560 ° -121.890970 °	Y	78
79		Down	Revetments		A	Inspector Comments: Vegetation in the channel obstructs the inspection.	39.735560 ° -121.890970 °		79
80		Down	Encroachments		A		39.735560 ° -121.890970 °		80
81	Grape Way	Up	Vegetation & Obstructions		A	Inspector Comments: Vegetation on channel slopes.	39.722700 ° -121.912520 °	Y	81
82		Up	Shoaling / Sedimentation		A		39.722700 ° -121.912520 °		82
83		Up	Erosion / Bank Caving		A		39.722700 ° -121.912520 °		83
84		Up	Revetments		N		39.722700 ° -121.912520 °		84
85		Up	Encroachments		A		39.722700 ° -121.912520 °		85

**\* Location**

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
86		Down	Vegetation & Obstructions		A	Inspector Comments: Vegetation on the channel slopes.	39.722700 ° -121.912520 °	Y	86
87		Down	Shoaling / Sedimentation		A		39.722700 ° -121.912520 °		87
88		Down	Erosion / Bank Caving		A		39.722700 ° -121.912520 °		88
89		Down	Revetments		A		39.722700 ° -121.912520 °		89
90		Down	Encroachments		A		39.722700 ° -121.912520 °		90

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions

Up stream of the diversion structure.

cathom\_20090903\_15.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Shoaling / Sedimentation

The diversion structure.

cathom\_20090903\_16.jpg



Levee Mile Report Line	2
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Shoaling / Sedimentation

The diversion structure.

cathom\_20090903\_17.jpg



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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream of the diversion structure.	
cathom_20090903_18.jpg	



Levee Mile Report Line	7
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Shoaling / Sedimentation
The diversion structure.	
cathom_20090903_19.jpg	



Levee Mile Report Line	7
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Shoaling / Sedimentation
The diversion structure.	
cathom_20090903_20.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Manzanita Avenue, construction work on the bridge.	
cathom_20090903_21.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Structure up stream from Manzanita Avenue bridge.	
cathom_20090903_22.jpg	



Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream of Manzanita Avenue.	
cathom_20090903_23.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from the bike path bridge at the extension of Madrone Avenue.	
cathom_20090903_24.jpg	



Levee Mile Report Line	23
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Up stream access ramp is damaged.	
cathom_20090903_26.jpg	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream from the bike path at the extension of Madrone Avenue.	
cathom_20090903_25.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Mariposa.	
cathom_20090903_27.jpg	



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream of Mariposa.	
cathom_20090903_28.jpg	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Esplanade.	
cathom_20090903_29.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream from Esplanade.	
cathom_20090903_30.jpg	



Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Highway 32, vegetation in the channel.	
cathom_20090903_31.jpg	



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream from Highway 32, vegetation in the channel.	
cathom_20090903_32.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Oak Avenue, vegetation in the channel.	
cathom_20090903_33.jpg	



Levee Mile Report Line	72
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Shoaling / Sedimentation
Up stream of Oak Avenue, vegetation in the channel obstructig the inspection.	
cathom_20090908_34.jpg	



Levee Mile Report Line	73
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Dense vegetation in the channel obstructed the inspection.	
cathom_20090908_35.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

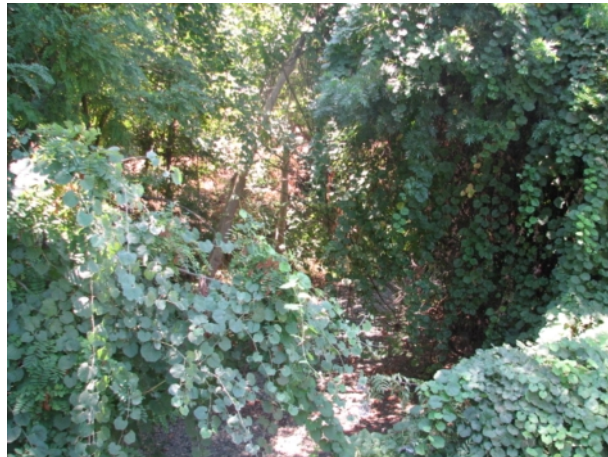
**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

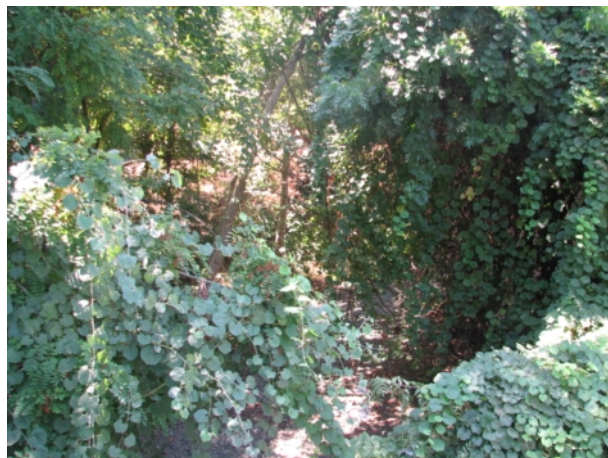
Levee Mile Report Line	74
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Revetments
Vegetation in the channel obstructed the inspection.	
cathom_20090908_36.jpg	



Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream of Oak Avenue, vegetation in the channel.	
cathom_20090908_37.jpg	



Levee Mile Report Line	77
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Shoaling / Sedimentation
Down stream at Oak Avenue.	
cathom_20090908_38.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Lindo Channel & Sandy Gulch	12.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	78
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Erosion / Bank Caving
Down stream at Oak Avenue.	
cathom_20090908_39.jpg	



Levee Mile Report Line	81
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream at Grape Way.	
cathom_20090908_40.jpg	



Levee Mile Report Line	86
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream from Grape Way.	
cathom_20090908_41.jpg	

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**Flood Control Project Maintenance****Unit Cover Sheet****2009 Channel Inspection Results****DWR Sutter Maintenance Yard**

Channel
Little Chico Creek

Channel Rating	<b>A</b>
Date of Inspection	8/10/2009
DWR Inspector	Clay Thomas
Accompanied By	



**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
1	Little Chico Ck Control Stucture	Up	Vegetation & Obstructions		A		39.733890 ° -121.771940 °	Y	1
2		Up	Shoaling / Sedimentation		M		39.733890 ° -121.771940 °		2
3		Up	Erosion / Bank Caving		A		39.733890 ° -121.771940 °		3
4		Up	Revetments		N		39.733890 ° -121.771940 °		4
5		Up	Encroachments		A		39.733890 ° -121.771940 °		5
6		Down	Vegetation & Obstructions		A		39.733890 ° -121.771940 °	Y	6
7		Down	Shoaling / Sedimentation		M		39.733890 ° -121.771940 °		7
8		Down	Erosion / Bank Caving		A		39.733890 ° -121.771940 °		8
9		Down	Revetments		N		39.733890 ° -121.771940 °		9
10		Down	Encroachments		A		39.733890 ° -121.771940 °		10
11	Bruce Rd	Up	Vegetation & Obstructions		A		39.733020 ° -121.787580 °	Y	11
12		Up	Shoaling / Sedimentation		M		39.733020 ° -121.787580 °		12
13		Up	Erosion / Bank Caving		A		39.733020 ° -121.787580 °		13
14		Up	Revetments		N		39.733020 ° -121.787580 °		14
15		Up	Encroachments		A		39.733020 ° -121.787580 °		15
16		Down	Vegetation & Obstructions		A		39.733020 ° -121.787580 °	Y	16
17		Down	Shoaling / Sedimentation		M		39.733020 ° -121.787580 °		17

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**Flood Control Project Maintenance  
Channel Inspections**

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**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
18		Down	Erosion / Bank Caving		A		39.733020 ° -121.787580 °		18
19		Down	Revetments		N		39.733020 ° -121.787580 °		19
20		Down	Encroachments		A		39.733020 ° -121.787580 °		20
21	Forest Ave	Up	Vegetation & Obstructions		A		39.737400 ° -121.804530 °	Y	21
22		Up	Shoaling / Sedimentation		M		39.737400 ° -121.804530 °		22
23		Up	Erosion / Bank Caving		A		39.737400 ° -121.804530 °		23
24		Up	Revetments		N		39.737400 ° -121.804530 °		24
25		Up	Encroachments		A		39.737400 ° -121.804530 °		25
26		Down	Vegetation & Obstructions		A		39.737400 ° -121.804530 °	Y	26
27		Down	Shoaling / Sedimentation		M		39.737400 ° -121.804530 °		27
28		Down	Erosion / Bank Caving		A		39.737400 ° -121.804530 °		28
29		Down	Revetments		N		39.737400 ° -121.804530 °		29
30		Down	Encroachments		A		39.737400 ° -121.804530 °		30
31	Repair site upstream of Hwy 99	Up	Vegetation & Obstructions		A		39.735670 ° -121.814510 °	Y	31
32		Up	Shoaling / Sedimentation		A		39.735670 ° -121.814510 °		32
33		Up	Erosion / Bank Caving		A		39.735670 ° -121.814510 °		33
34		Up	Revetments		A		39.735670 ° -121.814510 °		34
35		Up	Encroachments		A		39.735670 ° -121.814510 °		35

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
36		Down	Vegetation & Obstructions		A		39.735670 ° -121.814510 °	Y	36
37		Down	Shoaling / Sedimentation		A		39.735670 ° -121.814510 °		37
38		Down	Erosion / Bank Caving		A		39.735670 ° -121.814510 °		38
39		Down	Revetments		A		39.735670 ° -121.814510 °		39
40		Down	Encroachments		A		39.735670 ° -121.814510 °		40
41	Boucher St	Up	Vegetation & Obstructions		A		39.730240 ° -121.823800 °	Y	41
42		Up	Shoaling / Sedimentation		A		39.730240 ° -121.823800 °		42
43		Up	Erosion / Bank Caving		A		39.730240 ° -121.823800 °		43
44		Up	Revetments		N		39.730240 ° -121.823800 °		44
45		Up	Encroachments		A		39.730240 ° -121.823800 °		45
46		Down	Vegetation & Obstructions		A		39.730240 ° -121.823800 °	Y	46
47		Down	Shoaling / Sedimentation		A		39.730240 ° -121.823800 °		47
48		Down	Erosion / Bank Caving		A		39.730240 ° -121.823800 °		48
49		Down	Revetments		N		39.730240 ° -121.823800 °		49
50		Down	Encroachments		A		39.730240 ° -121.823800 °		50
51	Olive St	Up	Vegetation & Obstructions		A		39.726800 ° -121.829870 °	Y	51
52		Up	Shoaling / Sedimentation		A		39.726800 ° -121.829870 °		52

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
53		Up	Erosion / Bank Caving		A		39.726800 ° -121.829870 °		53
54		Up	Revetments		N		39.726800 ° -121.829870 °		54
55		Up	Encroachments		A		39.726800 ° -121.829870 °		55
56		Down	Vegetation & Obstructions		A		39.726800 ° -121.829870 °	Y	56
57		Down	Shoaling / Sedimentation		M		39.726800 ° -121.829870 °		57
58		Down	Erosion / Bank Caving		A		39.726800 ° -121.829870 °		58
59		Down	Revetments		N		39.726800 ° -121.829870 °		59
60		Down	Encroachments		A		39.726800 ° -121.829870 °		60
61	Broadway St	Up	Vegetation & Obstructions		A		39.724840 ° -121.833520 °	Y	61
62		Up	Shoaling / Sedimentation		M		39.724840 ° -121.833520 °		62
63		Up	Erosion / Bank Caving		A		39.724840 ° -121.833520 °		63
64		Up	Revetments		N		39.724840 ° -121.833520 °		64
65		Up	Encroachments		A		39.724840 ° -121.833520 °		65
66		Down	Vegetation & Obstructions		A		39.724840 ° -121.833520 °	Y	66
67		Down	Shoaling / Sedimentation		M		39.724840 ° -121.833520 °		67
68		Down	Erosion / Bank Caving		A		39.724840 ° -121.833520 °		68
69		Down	Revetments		A		39.724840 ° -121.833520 °		69
70		Down	Encroachments		A		39.724840 ° -121.833520 °		70

**\* Location**

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/18/2009 08/19/2009	Clay Thomas

LMR No.	Check Point	View	Item	Location	Rating	Inspector Comment	GPS Latitude & Longitude	Photo	Issue No
71	Lone Pine St	Up	Vegetation & Obstructions		A		39.703260 ° -121.868470 °	Y	71
72		Up	Shoaling / Sedimentation		A		39.703260 ° -121.868470 °		72
73		Up	Erosion / Bank Caving		A		39.703260 ° -121.868470 °		73
74		Up	Revetments		N		39.703260 ° -121.868470 °		74
75		Up	Encroachments		A		39.703260 ° -121.868470 °		75
76		Down	Vegetation & Obstructions		A		39.703260 ° -121.868470 °	Y	76
77		Down	Shoaling / Sedimentation		A		39.703260 ° -121.868470 °		77
78		Down	Erosion / Bank Caving		A		39.703260 ° -121.868470 °		78
79		Down	Revetments		N		39.703260 ° -121.868470 °		79
80		Down	Encroachments		A		39.703260 ° -121.868470 °		80

**\* Location**

LS : Land Side  
WS : Water Side  
CR : Crown

**\*\* Rating**

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Little Chico Ck Control structure.	
cathom_20090909_42.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Little Chico Ck Control structure.	
cathom_20090909_43.jpg	



Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Little Chico Ck Control structure.	
cathom_20090909_44.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	1
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Little Chico Ck Control structure.	
cathom_20090909_45.jpg	



Levee Mile Report Line	6
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream from Little Chico Ck structure.	
cathom_20090909_46.jpg	



Levee Mile Report Line	11
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Bruce Road, vegetation over hanging the channel.	
cathom_20090909_47.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	16
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Bruce Road.	
cathom_20090909_48.jpg	



Levee Mile Report Line	21
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Forrest Avenue.	
cathom_20090909_49.jpg	



Levee Mile Report Line	26
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream from Forrest Avenue, vegetation on the channel slopes.	
cathom_20090909_50.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	31
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Erosion repair site, up stream from Highway 99, looking up stream.	
cathom_20090909_51.jpg	



Levee Mile Report Line	36
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Erosion repair site, up stream of Highway 99. Looking down stream.	
cathom_20090909_52.jpg	



Levee Mile Report Line	41
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream of Boucher Street, dense growth on both banks.	
cathom_20090909_53.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	46
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream from Boucher Street, dense growth on both banks.	
cathom_20090909_54.jpg	



Levee Mile Report Line	51
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Olive Street, dense growth on both banks.	
cathom_20090909_55.jpg	



Levee Mile Report Line	56
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream of Olive Street, dense growth on both banks.	
cathom_20090909_56.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	61
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Broadway Street, dense growth on both banks.	
cathom_20090909_57.jpg	



Levee Mile Report Line	66
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream from Broadway Street, dense growth on both banks.	
cathom_20090909_58.jpg	



Levee Mile Report Line	71
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Up stream from Lone Pine Street, dense growth on both banks.	
cathom_20090909_59.jpg	

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**Flood Control Project Maintenance  
Channel Inspections**

**Channel Inspection Report By Check Point and View Direction - 2009**

**DWR Sutter Maintenance Yard**

Channel	Channel Length	Inspection Start/End	Inspector
Little Chico Creek	8.00	08/18/2009 08/19/2009	Clay Thomas

Levee Mile Report Line	76
Start Levee Mile	0.00
End Levee Mile	0.00
Location	
Category	Channels
Item	Vegetation & Obstructions
Down stream from Lone Pine Street, dense growth on both banks.	
cathom_20090909_60.jpg	

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